




STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

March 22, 2005

MEMORANDUM TO: Prospective Bidders

FROM: R. A. Garris, P.E. 
Contract Officer

SUBJECT: Erosion and Sediment Control/ Stormwater Certification Training

As you are aware, the Department is pursuing Erosion and Sediment Control/ Stormwater Certification for DOT, CEI, and Contractor's personnel. The purpose of this memo is to outline the goals for the Department and identify Contractor and CEI personnel impacted. North Carolina State University's Department of Biological and Agricultural Engineering will administer the certification program. The certification includes classroom instruction and satisfactory completion of an examination. Candidates may waive the classroom instruction and attend the examination only.

Three (3) levels of certification are planned:

- Level I will target Installers/Inspectors involved with the installation and inspection of temporary and permanent erosion and sediment control/stormwater bid items. Candidates are: contractor's/subcontractor's foreman on an Erosion Control Installation Crew or Seeding and Mulching Crew; and CEI TT's inspecting erosion control/stormwater bid items. Level I certification training classes will begin in 2006 with a goal of having Level I personnel on projects that have erosion control plans beginning in 2007. **No action may be taken on Level I training until early 2006.**
- Level II will target CEI TT's serving as the chief or lead inspector on a project. Also, Level II will target contractor's/subcontractor's site manager for: grading operations; bridge/culvert operations over rivers/streams; and utility operations involving earth disturbance. One Level II site manager for each crew. Level II certification training classes will be held in March 2005 and again in late 2005 with a goal of having certified contractors/subcontractors and CEI TT's on projects that have erosion control plans beginning in 2006. **Early registration encouraged.**

MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
CONTRACTS & PROPOSALS
1591 MAIL SERVICE CENTER
RALEIGH NC 27699-1591

TELEPHONE: 919-250-4124
FAX: 919-250-4127

WEBSITE: WWW.DOH.DOT.STATE.NC.US

LOCATION:
CENTURY CENTER COMPLEX
BUILDING B-ENTRANCE B 15
1020 BIRCH RIDGE DRIVE
RALEIGH NC

Prospective Bidders

March 22, 2005

Page 2

- Level III will target contractor's, CEI's, and PEF's who prepare or oversee the preparation of erosion and sediment control and stormwater pollution prevention plans and reclamation plans. The implementation date for Level III has not yet been determined.

To obtain detailed information regarding the certification program, review locations for Level II classes or registration, please visit the certification website at:

www.bae.ncsu.edu/workshops/dot/index.html

Those wishing to sponsor a certification training class and examination with 50 or more candidates can contact NCSU at the above website.

Questions not addressed on the website may be directed to Ted Sherrod of the Roadside Environmental Unit at tsherrod@dot.state.nc.us or by phone at (919) 733-2920.

TMS




STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

January 18 2005

MEMORANDUM TO All Prequalified Contractors
FROM R A Garris P E 
Contract Officer
RE OCR Assistance meeting Contract Goals

The North Carolina Department of Transportation implements a Disadvantaged Business Enterprise Program in accordance with U S Department of Transportation requirements and a Minority/Women Business Enterprise Program in accordance with state law These programs assist disadvantaged, minority and women-owned business enterprises (D/M/WBE) gain contracting opportunities with NCDOT

NCDOT s Office of Civil Rights and Business Development (OCR) is charged with administering both the DBE and M/WBE Program, and with assisting NCDOT achieve annual goals for firms certified into the programs D/M/WBE participation goals are met by the establishment of contract goals on projects let by the Department Contractors bidding on NCDOT projects are expected to make every reasonable effort in good faith to reach the goals set on each project

The Office of Civil Rights and Business Development is ready and willing to assist any contractor needing assistance securing D/M/WBE firms to participate as subcontractors on NCDOT projects Three (3) Business Development Specialists are assigned to assist prime contractors and potential subcontractors connect to achieve contract goals Contractors are encouraged to contact the Business Development Specialists as part of their good-faith effort to reach the contract goals and to discover potential partners for other projects across the state

Bennington Corporation formerly provided consulting services to the Office of Civil Rights and assisted with D/M/WBE outreach This agreement is no longer in affect therefore contractors should contact OCR directly for assistance with locating firms to bid as subcontractors OCR s Business Development Specialists and their respective division responsibilities are listed below

| Specialist Name | Phone Number | Email Address | NCDOT Division |
|------------------------|----------------|---------------------------|------------------|
| Thomas Burt | (919) 807 0851 | Tburt@dot.state.nc.us | 1, 2, 3, 4, 6 |
| Lorenzo Jackson | (919) 807 0845 | Lzjackson@dot.state.nc.us | 5, 7, 11, 13, 14 |
| Nathaniel Sanders, Jr. | (919) 807 0846 | Nsanders@dot.state.nc.us | 8, 9, 10, 12 |

If you have any questions about our programs or are not certain which Business Development Specialist to work with, contact Shelton A Russell at (919) 807 0852 or email sarussell@dot.state.nc.us

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
INVITATION TO BID**

ELECTRONIC BIDS FOR THE CONSTRUCTION OF THE FOLLOWING PROJECTS WILL BE PUBLICLY READ IN ROOM 156-A/B, THE PROJECT SERVICES LARGE CONFERENCE ROOM, LOCATED IN BUILDING B AT 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C. AT **2:00 PM ON SEPTEMBER 20, 2005**. NO ELECTRONIC BIDS WILL BE RECEIVED AFTER 2:00 PM.

BIDS SHALL BE SUBMITTED IN ACCORDANCE WITH THE SPECIAL PROVISION TITLED "ON-LINE ELECTRONIC BIDDING" CONTAINED IN EACH PROPOSAL FORM.

1. AN ORIGINAL PROPERLY EXECUTED NON-COLLUSION AFFIDAVIT AND DEBARMENT CERTIFICATION SHALL BE ON FILE IN THE CONTRACT OFFICE FROM EACH PROSPECTIVE BIDDER PRIOR TO SUBMITTING AN ELECTRONIC BID. FORMS ARE AVAILABLE AT
<http://www.doh.dot.state.nc.us/construction/ps/contracts/letting.htm>

2. A BID BOND OR BID DEPOSIT IN THE AMOUNT OF 5% OF THE TOTAL AMOUNT BID WILL BE REQUIRED. THE BIDDER SHALL SUBMIT AN ELECTRONIC BID BOND WITH EACH ELECTRONIC BID SUBMITTAL UNLESS HE ELECTS TO FURNISH A BID DEPOSIT.

3. UPON RECEIPT OF AWARD LETTER, THE SUCCESSFUL BIDDER SHALL FURNISH A PROPERLY EXECUTED EXECUTION OF CONTRACT, NON-COLLUSION AFFIDAVIT AND DEBARMENT CERTIFICATION, AND EXECUTED PAYMENT AND PERFORMANCE BONDS FOR EACH CONTRACT. AFFIDAVIT FORMS AND BOND FORMS ARE AVAILABLE AS PART OF THE CONTRACT EXECUTION FORMS AT THE FOLLOWING WEBSITE
<http://www.doh.dot.state.nc.us/construction/ps/contracts/letting.htm>

THE MINIMUM WAGE FOR LABOR WILL BE SHOWN IN THE PROPOSAL FORM FOR FEDERAL AID PROJECTS.

CONTRACTOR'S LICENSE: A GENERAL CONTRACTOR'S LICENSE IS REQUIRED IN ORDER TO SUBMIT A BID ON ANY NON-FEDERAL AID PROJECT WHERE THE BID IS \$30,000.00 OR MORE, EXCEPT FOR CERTAIN SPECIALTY WORK AS DETERMINED BY THE LICENSING BOARD. FOR ADDITIONAL INFORMATION OR TO MAKE APPLICATION FOR A LICENSE, APPLY TO THE EXECUTIVE SECRETARY OF THE CONTRACTOR LICENSING BOARD, P.O. BOX 17187, RALEIGH, NC 27619, (919-571-4183).

STATE PRIVILEGE LICENSE TAXES: CONTRACTORS WHO BID UPON AND/OR ARE AWARDED NORTH CAROLINA HIGHWAY CONSTRUCTION PROJECTS ARE SUBJECT TO CONTRACTOR BIDDERS AND/OR CONTRACTOR PROJECT PRIVILEGE LICENSE TAXES UNDER G.S. 105-54 OF THE STATE REVENUE LAWS. FOR INFORMATION, WRITE TO THE NORTH CAROLINA DEPARTMENT OF REVENUE, LICENSE AND EXCISE TAX DIVISION, P.O. BOX 25000, RALEIGH, NC 27640, OR CALL 919-733-3673.

PREQUALIFYING TO BID: ALL PROSPECTIVE BIDDERS SHALL BE PREQUALIFIED WITH THE DEPARTMENT OF TRANSPORTATION PRIOR TO SUBMITTING A BID. CONTRACTORS WHO ARE NOT PREQUALIFIED MAY OBTAIN INFORMATION AND FORMS FOR PREQUALIFYING FROM THE MANAGER OF CONSTRUCTION, DIVISION OF HIGHWAYS, DEPARTMENT OF TRANSPORTATION, 1543 MAIL SERVICE CENTER, RALEIGH, N. C., 27699-1543. ALL REQUIRED PREQUALIFICATION STATEMENTS AND DOCUMENTS SHALL BE FILED WITH THE MANAGER OF CONSTRUCTION AT LEAST TWO WEEKS PRIOR TO THE DATE OF OPENING BIDS.

THE DEPARTMENT OF TRANSPORTATION HEREBY NOTIFIES ALL BIDDERS THAT IT WILL AFFIRMATIVELY INSURE THAT IN ANY CONTRACT ENTERED INTO PURSUANT TO THIS INVITATION TO BID, MINORITY BUSINESS ENTERPRISES WILL BE AFFORDED FULL OPPORTUNITY TO SUBMIT BIDS IN RESPONSE TO THIS INVITATION AND WILL NOT BE DISCRIMINATED AGAINST ON THE GROUNDS OF RACE, COLOR, SEX, OR NATIONAL ORIGIN IN COMPENSATION TO THIS AWARD.

PROPOSAL FORMS AT **\$25.00** EACH, PLANS (SMALL SIZE) AT **\$40.00** PER SET, PLANS (LARGE SIZE) AT **\$100.00** PER SET, AND CROSS-SECTIONS AT **\$40.00** PER SET, PLUS SALES TAX FOR N.C. RESIDENTS, MAY BE OBTAINED BY TELEPHONING (919-250-4124), FAXING (919-250-4127), OR WRITING TO : PLANS AND PROPOSALS, PROJECT SERVICES UNIT, DEPARTMENT OF TRANSPORTATION, 1591 MAIL SERVICE CENTER, RALEIGH, N.C., 27699-1591. THESE CHARGES ARE NOT DEPOSITS AND WILL NOT BE REFUNDED. ALL ORDERS FOR PROPOSAL FORMS, PLANS AND CROSS-SECTIONS DELIVERED IN NORTH CAROLINA ARE SUBJECT TO 7% SALES TAX. ORDERS MAILED TO OUT OF STATE CONTRACTORS ARE NOT SUBJECT TO SALES TAX. MAKE ALL CHECKS PAYABLE TO THE "N.C. DEPARTMENT OF TRANSPORTATION".

THE RIGHT IS RESERVED TO REJECT ANY OR ALL BIDS.

**TODAY'S DATE IS AUGUST 23, 2005.
BY ORDER OF THE DEPARTMENT OF TRANSPORTATION
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)**

REVIEW OF PLANS AND PROPOSALS IN DIVISION OFFICE

IN ORDER TO FACILITATE AND ENCOURAGE THE INVOLVEMENT OF MINORITY BUSINESS ENTERPRISES IN THE HIGHWAY CONSTRUCTION PROCESS, IT IS THE POLICY OF THE DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS, THAT A SET OF PLANS AND PROPOSAL FOR EACH PROJECT TO BE LET WILL BE MAINTAINED FOR REVIEW BY ANY CONTRACTOR INTERESTED IN BIDDING UPON OR QUOTING WORK IN AN ADVERTISED PROJECT.

THE PROPOSALS AND PLANS WILL BE AVAILABLE FOR REVIEW BEGINNING TWO WEEKS PRIOR TO THE DATE OF BID OPENING IN THE DIVISION OFFICE WHICH WILL ADMINISTER THE CONTRACT. THE DEPARTMENT WILL, UPON REQUEST, MAKE AVAILABLE FROM ITS STAFF A PERSON TO EXPLAIN THE PROPOSED PROJECT AND TO ANSWER GENERAL QUESTIONS RELATING TO THE PROJECT. THE PLANS AND PROPOSALS CAN BE REVIEWED ANY TIME MONDAY THRU FRIDAY, EXCLUDING HOLIDAYS, BETWEEN THE HOURS OF 8:00 A.M. AND 4:30 P.M. IN THE DIVISION OFFICE. IN ORDER TO HAVE A MEMBER OF THE STAFF EXPLAIN THE PROJECT AND/OR ANSWER GENERAL QUESTIONS PERTAINING TO THE PROJECT, PRIOR APPOINTMENTS MUST BE MADE BY CALLING THE APPROPRIATE DIVISION OFFICE.

FOLLOWING ARE THE LOCATIONS AND TELEPHONE NUMBERS OF THE OFFICES IN WHICH THE PLANS AND PROPOSALS WILL BE MADE AVAILABLE, REFERENCE SHOULD BE MADE TO THE SHEETS CONTAINING THE INDIVIDUAL PROJECT QUANTITIES TO DETERMINE WHICH DIVISION OFFICE WILL ADMINISTER THE CONTRACT.

| <u>DIV NO.</u> | <u>DIVISION ENGINEER</u> | <u>LOCATION</u> | <u>TOWN</u> | <u>TELEPHONE</u> |
|----------------|-------------------------------|------------------------------|------------------|------------------|
| 00001 | Anthony W Roper, PE | 113 AIRPORT DRIVE, SUITE 100 | EDENTON | (252) 482-7977 |
| 00002 | Cornelius E Lassiter, Jr., PE | PO BOX 1587 | GREENVILLE | (252) 830-3490 |
| 00003 | H. Allen Pope, PE | 124 DIVISION DRIVE | WILMINGTON | (910) 251-5724 |
| 00004 | Richard E Greene, Jr., PE | PO BOX 3165 | WILSON | (252) 237-6164 |
| 00005 | Jonathan G Nance, PE | 2612 NORTH DUKE STREET | DURHAM | (919) 560-6851 |
| 00006 | Terry R Gibson, PE | PO BOX 1150 | FAYETTEVILLE | (910) 486-1493 |
| 00007 | James M Mills, PE | PO BOX 14996 | GREENSBORO | (336) 334-3192 |
| 00008 | Tim Johnson, PE | PO BOX 1067 | ABERDEEN | (910) 944-2344 |
| 00009 | S. Pat Ivey, PE | 375 SILAS CREEK PARKWAY | WINSTON-SALEM | (336) 703-6500 |
| 00010 | Benton G Payne, PE | 716 WEST MAIN STREET | ALBEMARLE | (704) 982-0101 |
| 00011 | Michael A Pettyjohn, PE | PO BOX 250 | NORTH WILKESBORO | (336) 667-9111 |
| 00012 | Michael L Holder, PE | PO BOX 47 | SHELBY | (704) 480-5400 |
| 00013 | Jay J Swain, PE | PO BOX 3279 | ASHEVILLE | (828) 251-6171 |
| 00014 | Joel B Setzer, PE | 253 WEBSTER ROAD | SYLVA | (828) 586-2141 |

===== SUMMARY OF PROPOSALS =====

Bid Letting Number L050920

| RPN | Contract Id | WBS | County | Length | JobType |
|------------|--------------------|-------------|----------------------------|---------------|---|
| 001 | C201289 | 32589.3.1 | NORTHAMPTON | 0.217 MI | GRADING, DRAINAGE, PAVING, & STRUCTURE. |
| 002 | C201451 | 2CR.10741.3 | PITT | 10.500 MI | MILLING, SHDR RECONST, RESURFACING & PAVEMENT MARKINGS. |
| 003 | C201143 | 37697.3.1 | DURHAM, GRANVILLE, PERSON, | 28.500 MI | GUARDRAIL. |
| 004 | C201505 | 34988.3.2 | FORSYTH | 0.935 MI | GRADING, DRAINAGE, PAVING, RETAINING WALL & STRUCTURES. |
| 005 | C201184 | 33274.3.1 | CATAWBA | 0.123 MI | GRADING, DRAINAGE, PAVING & CULVERT. |
| 006 | C201294 | 33608.3.1 | RUTHERFORD | 0.155 MI | GRADING, DRAINAGE, PAVING, & STRUCTURE. |

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L050920 001

CONTRACT ID : C201289 32589.3.1

DIV OFFICE EDENTON

LENGTH = 0.217 MI

COUNTY : NORTHAMPTON

GRADING, DRAINAGE, PAVING, & STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : DEC 31 2006

BRIDGE OVER ROANOKE RIVER OVERFLOW AND APPROACHES ON US-258 SOUTHWEST OF RICH SQUARE.

ROADWAY ITEMS

| | | |
|----------|-----|---|
| Lump Sum | LS | MOBILIZATION |
| Lump Sum | LS | REINFORCED BRIDGE APPROACH FILL, STATION ***** (18+81.00) |
| 1 | ACR | SUPPLEMENTARY CLEARING & GRUB- BING |
| 500 | CY | UNDERCUT EXCAVATION |
| Lump Sum | LS | GRADING |
| 28,600 | CY | BORROW EXCAVATION |
| 5,000 | CY | SELECT GRANULAR MATERIAL |
| 1,500 | SY | FABRIC FOR SOIL STABILIZATION |
| 26 | TON | FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS |
| 84 | LF | 15" RC PIPE CULVERTS, CLASS III |
| 56 | LF | 15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK |
| 100 | LF | 18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK |
| 4 | EA | 15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK |
| 1,225 | TON | ASPHALT CONC BASE COURSE, TYPE B25.0B |
| 500 | TON | ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B |
| 1,010 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5B |
| 137 | TON | ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22 |
| 4 | EA | MASONRY DRAINAGE STRUCTURES |
| 4 | EA | FRAME WITH TWO GRATES, STD 840.29 |
| 592 | LF | SHOULDER BERM GUTTER |
| 1,300 | LF | STEEL BM GUARDRAIL |
| 5 | EA | ADDITIONAL GUARDRAIL POSTS |
| 4 | EA | GUARDRAIL ANCHOR UNITS, TYPE III |
| 4 | EA | GUARDRAIL ANCHOR UNITS, TYPE 350 |
| 550 | LF | REMOVE EXISTING GUARDRAIL |
| 1,237.5 | LF | TEMPORARY STEEL BM GUARDRAIL |
| 6 | EA | GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY |
| 1 | TON | PLAIN RIP RAP, CLASS B |
| 155 | SY | FILTER FABRIC FOR DRAINAGE |
| 1 | EA | PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON |
| 126 | SF | WORK ZONE SIGNS (STATIONARY) |
| 144 | SF | WORK ZONE SIGNS (PORTABLE) |
| 82 | SF | WORK ZONE SIGNS (BARRICADE MOUNTED) |
| 40 | EA | DRUMS |
| 40 | EA | CONES |
| 48 | LF | BARRICADES (TYPE III) |
| 15 | EA | TEMPORARY RAISED PAVEMENT MARKERS |
| 2,290 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS) |
| 4,580 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS) |
| 17,388 | LF | PAINT PAVEMENT MARKING LINES (4") |
| 1,900 | LF | REMOVAL OF PAVEMENT MARKING LINES (4") |
| 14 | EA | PERMANENT RAISED PAVEMENT MARKERS |
| 2,750 | LF | TEMPORARY SILT FENCE |
| 100 | TON | STONE FOR EROSION CONTROL, CLASS A |
| 225 | TON | STONE FOR EROSION CONTROL, CLASS B |
| 100 | TON | SEDIMENT CONTROL STONE |
| 4 | ACR | TEMPORARY MULCHING |
| 150 | LB | SEED FOR TEMPORARY SEEDING |
| 1 | TON | FERTILIZER FOR TEMPORARY SEED- ING |

| | | |
|-------|-----|---|
| 220 | LF | TEMPORARY SLOPE DRAINS |
| 7 | EA | INLET PROTECTION AT TEMPORARY SLOPE DRAINS |
| 250 | LF | SAFETY FENCE |
| 500 | CY | SILT EXCAVATION |
| 1,510 | SY | MATTING FOR EROSION CONTROL |
| 100 | LF | 1/4" HARDWARE CLOTH |
| 6 | ACR | SEEDING & MULCHING |
| 2.5 | ACR | MOWING |
| 50 | LB | SEED FOR REPAIR SEEDING |
| 0.25 | TON | FERTILIZER FOR REPAIR SEEDING |
| 100 | LB | SEED FOR SUPPLEMENTAL SEEDING |
| 4.25 | TON | FERTILIZER TOPDRESSING |
| 6 | HR | SPECIALIZED HAND MOWING |
| 8 | EA | RESPONSE FOR EROSION CONTROL |
| 1.75 | ACR | REFORESTATION |

STRUCTURE ITEMS

| | | |
|----------|-----|--|
| Lump Sum | LS | REMOVAL OF EXISTING STRUCTURE AT STATION ***** (18+81.00-L-) |
| 1,790 | CY | UNCLASSIFIED STRUCTURE EXCAVA- TION |
| 8,670 | SF | GROOVING BRIDGE FLOORS |
| 66.6 | CY | CLASS A CONCRETE (BRIDGE) |
| Lump Sum | LS | BRIDGE APPROACH SLABS, STATION ***** (18+81.00-L-) |
| 11,618 | LB | REINFORCING STEEL (BRIDGE) |
| 1,700 | LF | HP12X53 STEEL PILES |
| Lump Sum | LS | GALVANIZING STEEL PILES AT STA ***** (18+81.00-L-) |
| 359.25 | LF | CONCRETE BARRIER RAIL |
| 580 | TON | PLAIN RIP RAP CLASS II (2'-0" THICK) |
| 640 | SY | FILTER FABRIC FOR DRAINAGE |
| Lump Sum | LS | ELASTOMERIC BEARINGS |
| Lump Sum | LS | EVAZOTE JOINT SEALS |
| 2,694.38 | LF | 3'-0" X 2'-3" PRESTRESSED CONC BOX BEAMS |
| 7,515 | SF | GENERIC STRUCTURE ITEM CONCRETE WEARING SURFACE |

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L050920 002

CONTRACT ID : C201451 2CR.10741.3

DIV OFFICE GREENVILLE

LENGTH = 10.500 MI

COUNTY : PITT

MILLING, SHDR RECONST, RESURFACING & PAVEMENT MARKINGS.

MBE GOAL 6.0% WBE 5.0% COMPLETION DATE : JUL 01 2007

US-264 (GREENVILLE BYPASS) FROM SR-1467 TO US-264 / NC-33.

ROADWAY ITEMS

| | | |
|----------|-----|---|
| Lump Sum | LS | MOBILIZATION |
| 31 | SMI | SHOULDER RECONSTRUCTION |
| 93,867 | SY | MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2") |
| 1,621 | SY | INCIDENTAL MILLING |
| 15,459 | TON | ASPHALT CONC BASE COURSE, TYPE B25.0C |
| 18,934 | TON | ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C |
| 67,819 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5C |
| 1,555 | TON | ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22 |
| 4,071 | TON | ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22 |
| 2,650 | TON | PATCHING EXISTING PAVEMENT |
| 163,680 | LF | MILLED RUMBLE STRIPS |
| 67,000 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS) |
| 2,600 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS) |
| 240,200 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS) |
| 27,300 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS) |
| 6,200 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS) |
| 5,000 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS) |
| 922 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS) |
| 128 | EA | THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL) |
| 205 | EA | THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS) |
| 314,600 | LF | PAINT PAVEMENT MARKING LINES (6") |
| 1,000 | LF | PAINT PAVEMENT MARKING LINES (24") |
| 4,120 | EA | SNOWPLOWABLE PAVEMENT MARKERS |
| 59 | ACR | SEEDING & MULCHING |
| 678 | LB | SEED FOR REPAIR SEEDING |
| 1.93 | TON | FERTILIZER FOR REPAIR SEEDING |
| 49 | TON | FERTILIZER TOPDRESSING |

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L050920 003

CONTRACT ID : C201143 37697.3.1

DIV OFFICE DURHAM

LENGTH = 28.500 MI

COUNTY : DURHAM, GRANVILLE, PERSON, WAKE

GUARDRAIL.

DBE GOAL 0.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

DIVISIONWIDE - US-15 / 501, US-64, US-70, US-158 & NC-147.

ROADWAY ITEMS

| Lump Sum | LS | DESCRIPTION |
|----------|-----|---|
| | LS | MOBILIZATION |
| 1,200 | CY | BORROW EXCAVATION |
| 269 | LF | PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED |
| 64,550 | LF | STEEL BM GUARDRAIL |
| 187.5 | LF | STEEL BM GUARDRAIL, SHOP CURVED |
| 40 | EA | ADDITIONAL GUARDRAIL POSTS |
| 27 | EA | GUARDRAIL ANCHOR UNITS, TYPE ***** (BP III) |
| 4 | EA | GUARDRAIL ANCHOR UNITS, TYPE AT-1 |
| 49 | EA | GUARDRAIL ANCHOR UNITS, TYPE CAT-1 |
| 111 | EA | GUARDRAIL ANCHOR UNITS, TYPE 350 |
| 16 | EA | GUARDRAIL ANCHOR UNITS, TYPE M-350 |
| 5 | EA | GUARDRAIL ANCHOR UNITS, TYPE B-77 |
| 28,250 | LF | REMOVE EXISTING GUARDRAIL |
| 2,100 | LF | GENERIC GUARDRAIL ITEM MEDIAN CABLE BARRIER (SOCKETED POST, WRSF) |
| 2,100 | LF | GENERIC GUARDRAIL ITEM REMOVE EXISTING CABLE GUIDE-RAIL |
| 2 | EA | GENERIC GUARDRAIL ITEM MEDIAN CABLE BARRIER ANCHOR (WRSF) |
| 2 | EA | GENERIC GUARDRAIL ITEM REMOVE & RESET GUARDRAIL ANCHOR UNIT, TYPE 350 |
| 2,376 | SF | WORK ZONE SIGNS (PORTABLE) |
| 6 | EA | FLASHING ARROW PANELS, TYPE C |
| 2 | EA | CHANGEABLE MESSAGE SIGN |
| 8 | EA | WARNING FLAG SETS |
| 1,000 | EA | DRUMS |
| 30 | EA | CONES |
| 60 | HR | FLAGGER |
| 8 | EA | WARNING LIGHTS (TYPE B) |
| 6 | EA | TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH) |
| 60 | ACR | MOWING |
| 20 | HR | SPECIALIZED HAND MOWING |

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L050920 004

CONTRACT ID : C201505 34988.3.2

DIV OFFICE WINSTON-SALEM

LENGTH = 0.935 MI

COUNTY : FORSYTH

GRADING, DRAINAGE, PAVING, RETAINING WALL & STRUCTURES.

DBE GOAL 12.0% COMPLETION DATE : NOV 01 2007

BRIDGE OVER I-40 FROM WEST OF KESTER MILL RD TO WEST OF WESTGATE CENTER DR IN WINSTON-SALEM.

| ROADWAY ITEMS | | | | | |
|---------------|-----|---|----------|-----|--|
| | | | 4 | EA | FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E) |
| Lump Sum | LS | MOBILIZATION | 18 | EA | FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F) |
| Lump Sum | LS | REINFORCED BRIDGE APPROACH FILL, STATION ***** (21+64.07 -L-) | 17 | EA | FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G) |
| 1 | ACR | SUPPLEMENTARY CLEARING & GRUB-BING | 5 | EA | FRAME WITH COVER, STD 840.54 |
| 1,000 | CY | UNDERCUT EXCAVATION | 5 | EA | CONCRETE APRON FOR DROP INLETS |
| Lump Sum | LS | GRADING | 2,500 | LF | 1'-6" CONCRETE CURB & GUTTER |
| 360 | TON | CLASS IV SUBGRADE STABILIZATION | 8,600 | LF | 2'-6" CONCRETE CURB & GUTTER |
| 139,200 | CY | BORROW EXCAVATION | 4,650 | SY | 4" CONCRETE SIDEWALK |
| 113 | CY | DRAINAGE DITCH EXCAVATION | 225 | SY | CONCRETE WHEELCHAIR RAMPS |
| 1,000 | CY | SELECT GRANULAR MATERIAL | 1,400 | SY | 5" MONOLITHIC CONCRETE ISLANDS (KEYED IN) |
| 1,000 | SY | FABRIC FOR SOIL STABILIZATION | 225 | LF | PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED |
| 700 | SF | TEMPORARY SHORING | 2 | EA | ADJUSTMENT OF CATCH BASINS |
| 2,520 | SF | TEMPORARY SHORING - BARRIER SUPPORTED | 17 | EA | ADJUSTMENT OF MANHOLES |
| 210 | TON | SELECT MATERIAL, CLASS II | 13 | EA | ADJUSTMENT OF METER BOXES OR VALVE BOXES |
| 500 | TON | FOUNDATION CONDITIONING MATERIAL, MINOR STRS | 2 | EA | IMPACT ATTENUATOR UNIT, TYPE 350 |
| 2,828 | LF | 15" RC PIPE CULVERTS, CLASS III | 3,250 | LF | STEEL BM GUARDRAIL |
| 656 | LF | 18" RC PIPE CULVERTS, CLASS III | 10 | EA | ADDITIONAL GUARDRAIL POSTS |
| 752 | LF | 24" RC PIPE CULVERTS, CLASS III | 4 | EA | GUARDRAIL ANCHOR UNITS, TYPE CAT-1 |
| 12 | LF | 48" RC PIPE CULVERTS, CLASS III | 8 | EA | GUARDRAIL ANCHOR UNITS, TYPE III |
| 64 | LF | ***** RC PIPE CULVERTS, CLASS IV (30") | 5 | EA | GUARDRAIL ANCHOR UNITS, TYPE 350 |
| 100 | LF | 15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK | 6 | EA | GUARDRAIL ANCHOR UNITS, TYPE B-77 |
| 180 | LF | 24" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK | 3,100 | LF | REMOVE EXISTING GUARDRAIL |
| 2 | EA | 15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK | 637 | LF | WOVEN WIRE FENCE, 47" FABRIC |
| 2 | EA | 24" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK | 37 | EA | 4" TIMBER FENCE POSTS, 7'-6" LONG |
| 672 | LF | PIPE REMOVAL | 16 | EA | 5" TIMBER FENCE POSTS, 8'-0" LONG |
| 20 | TON | INCIDENTAL STONE BASE | 580 | LF | CHAIN LINK FENCE, 48" FABRIC |
| 4,000 | SY | INCIDENTAL MILLING | 51 | EA | METAL LINE POSTS FOR 48" CHAIN LINK FENCE |
| 11,700 | TON | ASPHALT CONC BASE COURSE, TYPE B25.0C | 8 | EA | METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE |
| 6,900 | TON | ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C | 10 | TON | PLAIN RIP RAP, CLASS I |
| 7,000 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5C | 235 | TON | PLAIN RIP RAP, CLASS B |
| 828 | TON | ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22 | 1,169 | SY | FILTER FABRIC FOR DRAINAGE |
| 455 | TON | ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22 | 1 | EA | PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON |
| 135 | TON | ASPHALT PLANT MIX, PAVEMENT REPAIR | 550 | LF | SUPPORTS, 3-LB STEEL U-CHANNEL |
| 1,250 | LF | MILLED RUMBLE STRIPS | Lump Sum | LS | OVERHEAD SIGN ASSEMBLY AT STA ***** (13+00 -Y1-) |
| 140 | CY | SUBDRAIN EXCAVATION | 29 | EA | SIGN ERECTION, TYPE E |
| 110 | CY | SUBDRAIN FINE AGGREGATE | Lump Sum | LS | LRs LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA ***** (13+00 -Y1-) |
| 600 | LF | 6" PERFORATED SUBDRAIN PIPE | 1 | EA | DISPOSAL OF SIGN SYSTEM, OVERHEAD |
| 18 | EA | 6" SUBDRAIN PIPE WYES, TEES, & ELBOWS | 6 | EA | DISPOSAL OF SIGN SYSTEM, U-CHANNEL |
| 2 | EA | CONCRETE PAD FOR SUBDRAIN PIPE OUTLET | 684 | SF | WORK ZONE SIGNS (STATIONARY) |
| 12 | LF | 6" OUTLET PIPE (SUBDRAINS) | 352 | SF | WORK ZONE SIGNS (PORTABLE) |
| 5 | EA | TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE | 64 | SF | WORK ZONE SIGNS (BARRICADE MOUNTED) |
| 8 | CY | ENDWALLS | 2 | EA | FLASHING ARROW PANELS, TYPE C |
| 4 | CY | PIPE COLLARS | 7 | EA | CHANGEABLE MESSAGE SIGN |
| 0.5 | CY | PIPE PLUGS | 8 | EA | WARNING FLAG SETS |
| 30 | CY | FLOWABLE FILL | 500 | EA | DRUMS |
| 57 | EA | MASONRY DRAINAGE STRUCTURES | 200 | EA | CONES |
| 68 | LF | MASONRY DRAINAGE STRUCTURES | 150 | LF | BARRICADES (TYPE III) |
| 5 | EA | FRAME WITH TWO GRATES, STD 840.16 | 1,728 | HR | FLAGGER |
| 6 | EA | FRAME WITH TWO GRATES, STD 840.24 | 4 | EA | TEMPORARY CRASH CUSHIONS |
| | | | 4 | EA | TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH) |
| | | | 1,100 | LF | PORTABLE CONCRETE BARRIER |

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L050920 005

CONTRACT ID : C201184 33274.3.1

DIV OFFICE SHELBY

LENGTH = 0.123 MI

COUNTY : CATAWBA

GRADING, DRAINAGE, PAVING & CULVERT.

DBE GOAL 6.0% COMPLETION DATE : MAY 15 2006

BRIDGE #8 OVER A CREEK AND APPROACHES ON SR-1706.

ROADWAY ITEMS

| | | |
|----------|-----|--|
| Lump Sum | LS | MOBILIZATION |
| Lump Sum | LS | GRADING |
| 1 | ACR | SUPPLEMENTARY CLEARING & GRUB-BING |
| 600 | CY | UNDERCUT EXCAVATION |
| 50 | TON | CLASS IV SUBGRADE STABILIZATION |
| 500 | CY | SELECT GRANULAR MATERIAL |
| 500 | SY | FABRIC FOR SOIL STABILIZATION |
| 16 | TON | FOUNDATION CONDITIONING MATERIAL, MINOR STRS |
| 80 | LF | 15" SIDE DRAIN PIPE |
| 40 | LF | 18" SIDE DRAIN PIPE |
| 24 | LF | 12" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK |
| 2 | EA | 12" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK |
| 50 | TON | INCIDENTAL STONE BASE |
| 380 | TON | ASPHALT CONC BASE COURSE, TYPE B25.0B |
| 290 | TON | ASPHALT CONC SURFACE COURSE, TYPE SF9.5A |
| 36 | TON | ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22 |
| 1 | EA | MASONRY DRAINAGE STRUCTURES |
| 1 | EA | FRAME WITH TWO GRATES, STD 840.29 |
| 280 | LF | SHOULDER BERM GUTTER |
| 650 | LF | STEEL BM GUARDRAIL |
| 37.5 | LF | STEEL BM GUARDRAIL, SHOP CURVED |
| 5 | EA | ADDITIONAL GUARDRAIL POSTS |
| 1 | EA | GUARDRAIL ANCHOR UNITS, TYPE AT-1 |
| 3 | EA | GUARDRAIL ANCHOR UNITS, TYPE 350 |
| 7 | TON | PLAIN RIP RAP, CLASS B |
| 172 | SY | FILTER FABRIC FOR DRAINAGE |
| 418 | SF | WORK ZONE SIGNS (STATIONARY) |
| 96 | SF | WORK ZONE SIGNS (PORTABLE) |
| 169 | SF | WORK ZONE SIGNS (BARRICADE MOUNTED) |
| 20 | EA | DRUMS |
| 20 | EA | CONES |
| 132 | LF | BARRICADES (TYPE III) |
| 10,400 | LF | PAINT PAVEMENT MARKING LINES (4") |
| 850 | LF | TEMPORARY SILT FENCE |
| 75 | TON | STONE FOR EROSION CONTROL, CLASS A |
| 220 | TON | STONE FOR EROSION CONTROL, CLASS B |
| 65 | TON | SEDIMENT CONTROL STONE |
| 1.5 | ACR | TEMPORARY MULCHING |
| 50 | LB | SEED FOR TEMPORARY SEEDING |
| 0.25 | TON | FERTILIZER FOR TEMPORARY SEEDING |
| 250 | LF | TEMPORARY SLOPE DRAINS |
| 6 | EA | INLET PROTECTION AT TEMPORARY SLOPE DRAINS |
| 350 | LF | SAFETY FENCE |
| 715 | CY | SILT EXCAVATION |
| 900 | SY | MATting FOR EROSION CONTROL |
| 20 | LF | 1/4" HARDWARE CLOTH |
| 150 | LF | *** TEMPORARY PIPE (24") |
| 330 | CY | STILLING BASINS |
| 2 | ACR | SEEDING & MULCHING |
| 1 | ACR | MOWING |
| 50 | LB | SEED FOR REPAIR SEEDING |
| 0.25 | TON | FERTILIZER FOR REPAIR SEEDING |
| 50 | LB | SEED FOR SUPPLEMENTAL SEEDING |
| 1.25 | TON | FERTILIZER TOPDRESSING |
| 45 | LF | IMPERVIOUS DIKE |
| 2 | HR | SPECIALIZED HAND MOWING |

8 EA RESPONSE FOR EROSION CONTROL

CULVERT ITEMS

| | | |
|----------|-----|---|
| Lump Sum | LS | REMOVAL OF EXISTING STRUCTURE AT STATION ***** (15+93.00 -L-) |
| Lump Sum | LS | CULVERT EXCAVATION, STA ***** (15+93.00 -L-) |
| 110 | TON | FOUNDATION CONDITIONING MATERIAL, BOX CULVERT |
| 157.9 | CY | CLASS A CONCRETE (CULVERT) |
| 29,647 | LB | REINFORCING STEEL (CULVERT) |
| 62 | TON | PLAIN RIP RAP, CLASS ** (I) |
| 69 | SY | FILTER FABRIC FOR DRAINAGE |

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L050920 006

CONTRACT ID : C201294 33608.3.1

DIV OFFICE ASHEVILLE

LENGTH = 0.155 MI

COUNTY : RUTHERFORD

GRADING, DRAINAGE, PAVING, & STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE OVER HILL'S CREEK & APPROACHES ON SR-1991.

ROADWAY ITEMS

| | | |
|----------|-----|--|
| Lump Sum | LS | MOBILIZATION |
| Lump Sum | LS | CLEARING & GRUBBING .. ACRE(S) |
| 1 | ACR | SUPPLEMENTARY CLEARING & GRUB- BING |
| 550 | CY | UNCLASSIFIED EXCAVATION |
| Lump Sum | LS | REINFORCED BRIDGE APPROACH FILL, STATION ***** STA. 13+29.00 -L- |
| 100 | CY | UNDERCUT EXCAVATION |
| 500 | TON | CLASS IV SUBGRADE STABILIZA- TION |
| 42 | CY | DRAINAGE DITCH EXCAVATION |
| 250 | SY | REMOVAL OF EXISTING ASPHALT PAVEMENT |
| 500 | CY | SELECT GRANULAR MATERIAL |
| 500 | SY | FABRIC FOR SOIL STABILIZATION |
| 25 | TON | FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS |
| 60 | LF | 18" SIDE DRAIN PIPE |
| 144 | LF | 15" RC PIPE CULVERTS, CLASS III |
| 24 | LF | 18" RC PIPE CULVERTS, CLASS III |
| 165 | TON | AGGREGATE BASE COURSE |
| 25 | TON | INCIDENTAL STONE BASE |
| 30 | TON | ASPHALT CONC BASE COURSE, TYPE B25.0B |
| 385 | TON | ASPHALT CONC SURFACE COURSE, TYPE SF9.5A |
| 27 | TON | ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22 |
| 10 | TON | ASPHALT PLANT MIX, PAVEMENT REPAIR |
| 224 | CY | SUBDRAIN EXCAVATION |
| 168 | CY | SUBDRAIN FINE AGGREGATE |
| 1,000 | LF | 6" PERFORATED SUBDRAIN PIPE |
| 30 | EA | 6" SUBDRAIN PIPE WYES, TEES, & ELBOWS |
| 2 | EA | CONCRETE PAD FOR SUBDRAIN PIPE OUTLET |
| 12 | LF | 6" OUTLET PIPE (SUBDRAINS) |
| 3 | EA | MASONRY DRAINAGE STRUCTURES |
| 3 | EA | FRAME WITH GRATE, STD 840.29 |
| 320 | LF | SHOULDER BERM GUTTER |
| 487.5 | LF | STEEL BM GUARDRAIL |
| 62.5 | LF | STEEL BM GUARDRAIL, SHOP CURVED |
| 5 | EA | ADDITIONAL GUARDRAIL POSTS |
| 1 | EA | GUARDRAIL ANCHOR UNITS, TYPE AT-1 |
| 4 | EA | GUARDRAIL ANCHOR UNITS, TYPE III |
| 3 | EA | GUARDRAIL ANCHOR UNITS, TYPE 350 |
| 7 | TON | PLAIN RIP RAP, CLASS II |
| 9 | TON | PLAIN RIP RAP, CLASS B |
| 215 | SY | FILTER FABRIC FOR DRAINAGE |
| 6.25 | SF | CONTRACTOR FURNISHED, TYPE *** SIGN (E) |
| 13 | LF | SUPPORTS, 3-LB STEEL U-CHANNEL |
| 1 | EA | SIGN ERECTION, TYPE E |
| 6 | EA | DISPOSAL OF SIGN SYSTEM, U- CHANNEL |
| 444 | SF | WORK ZONE SIGNS (STATIONARY) |
| 144 | SF | WORK ZONE SIGNS (PORTABLE) |
| 45 | SF | WORK ZONE SIGNS (BARRICADE MOUNTED) |
| 6 | EA | WARNING FLAG SETS |
| 50 | EA | CONES |
| 68 | LF | BARRICADES (TYPE III) |
| 12 | MD | FLAGGER |
| 3 | EA | WARNING LIGHTS (TYPE B) |
| 11,124 | LF | PAINT PAVEMENT MARKING LINES (4") |

| | | |
|-------|-----|---------------------------------------|
| 108 | LF | PAINT PAVEMENT MARKING LINES (24") |
| 475 | LF | TEMPORARY SILT FENCE |
| 75 | TON | STONE FOR EROSION CONTROL, CLASS A |
| 300 | TON | STONE FOR EROSION CONTROL, CLASS B |
| 110 | TON | SEDIMENT CONTROL STONE |
| 2.5 | ACR | TEMPORARY MULCHING |
| 100 | LB | SEED FOR TEMPORARY SEEDING |
| 0.5 | TON | FERTILIZER FOR TEMPORARY SEED- ING |
| 220 | LF | SAFETY FENCE |
| 1,000 | CY | SILT EXCAVATION |
| 550 | SY | MATTING FOR EROSION CONTROL |
| 655 | SY | PERMANENT SOIL REINFORCEMENT MAT |
| 60 | LF | 1/4" HARDWARE CLOTH |
| 3.5 | ACR | SEEDING & MULCHING |
| 1.5 | ACR | MOWING |
| 50 | LB | SEED FOR REPAIR SEEDING |
| 0.25 | TON | FERTILIZER FOR REPAIR SEEDING |
| 75 | LB | SEED FOR SUPPLEMENTAL SEEDING |
| 2.5 | TON | FERTILIZER TOPDRESSING |
| 2 | HR | SPECIALIZED HAND MOWING |
| 8 | EA | RESPONSE FOR EROSION CONTROL |

STRUCTURE ITEMS

| | | |
|----------|-----|--|
| Lump Sum | LS | REMOVAL OF EXISTING STRUCTURE AT STATION ***** (13+29.00-L-) |
| 695 | CY | UNCLASSIFIED STRUCTURE EXCAVA- TION |
| 35.1 | CY | CLASS A CONCRETE (BRIDGE) |
| Lump Sum | LS | BRIDGE APPROACH SLABS, STATION ***** (13+29.00-L-) |
| 5,543 | LB | REINFORCING STEEL (BRIDGE) |
| 550 | LF | HP12X53 STEEL PILES |
| 195.33 | LF | CONCRETE BARRIER RAIL |
| 254 | TON | PLAIN RIP RAP CLASS II (2'-0" THICK) |
| 282 | SY | FILTER FABRIC FOR DRAINAGE |
| Lump Sum | LS | ELASTOMERIC BEARINGS |
| 1,074.33 | LF | 3'-0" X 3'-3" PRESTRESSED CONC BOX BEAMS |
| 500 | DOL | CONTRACT TIME |

